

=> fil reg

FILE 'REGISTRY' ENTERED AT 12:58:32 ON 16 MAY 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 15 MAY 2005 HIGHEST RN 850445-20-4

DICTIONARY FILE UPDATES: 15 MAY 2005 HIGHEST RN 850445-20-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

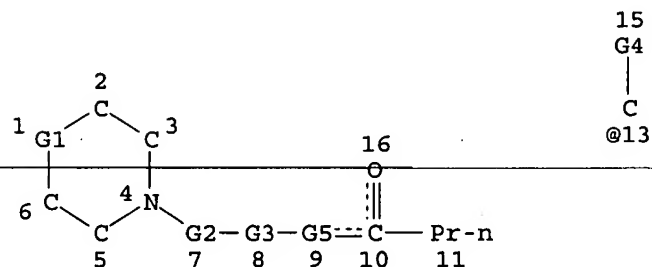
 *
 * The CA roles and document type information have been removed from *
 * the IDE default display format and the ED field has been added, *
 * effective March 20, 2005. A new display format, IDERL, is now *
 * available and contains the CA role and document type information. *
 *

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d sta que 123

L8 STR



VAR G1=O/N

REP G2=(1-5) CH2

VAR G3=C/13

VAR G4=ME/ET

VAR G5=O/N

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

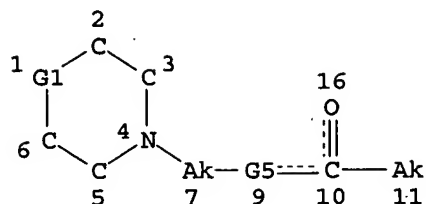
GRAPH ATTRIBUTES:

RSPEC 1

NUMBER OF NODES IS 14

STEREO ATTRIBUTES: NONE

L10 STR



VAR G1=O/N

```
VAR G5=0/N
```

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC 4

NUMBER OF NODES IS 11

STEREO ATTRIBUTES: NONE

L12 882636 SEA FILE=REGISTRY ABB=ON PLU=ON (46.402.1 OR 46.383.1) /RID

```
L13      953133 SEA FILE=REGISTRY ABB=ON  PLU=ON  (NC2OC2 OR NC2NC2)/ES
```

L14 953133 SEA FILE=REGISTRY ABB=ON PLU=ON (L12 OR L13)

L16 SCR 1839

```
L18      2121 SEA FILE=REGISTRY SUB=L14 SSS FUL L10 NOT L16
```

L19 520 SEA FILE=REGISTRY SUB=L18 CSS FUL L10

L20 266 SEA FILE=REGISTRY ABB=ON PLU=ON L19 NOT PMS/CI

L23 9 SEA FILE=REGISTRY SUB=L20 SSS FUL L8

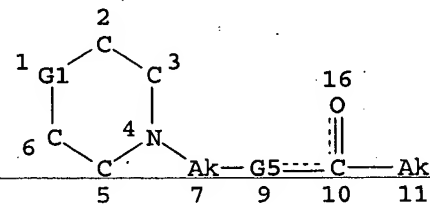
100.0% PROCESSED 178 ITERATIONS

9 ANSWERS

SEARCH TIME: 00.00.01

$\Rightarrow d$ sta que 127

L10 STR



VAR G1=0/N

$$\text{VAR } G5 = 0/N$$

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC 4

NUMBER OF NODES IS 11

STEREO ATTRIBUTES: NONE

L12 882636 SEA FILE=REGISTRY ABB=ON PLU=ON (46.402.1 OR 46.383.1)/RID

```
L13      953133 SEA FILE=REGISTRY ABB=ON  PLU=ON  (NC2OC2 OR NC2NC2) /ES
```

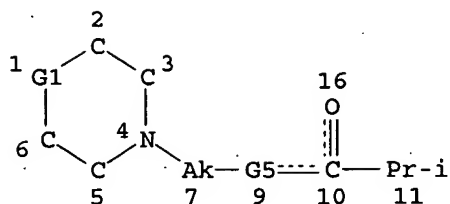
L14 953133 SEA FILE=REGISTRY ABB=ON PLU=ON (L12 OR L13)

L16 SCR 1839

```
L18      2121 SEA FILE=REGISTRY SUB=L14 SSS FUL L10 NOT L16
```

L19 520 SEA FILE=REGISTRY SUB=L18 CSS FUL L10

L20 266 SEA FILE=REGISTRY ABB=ON PLU=ON L19 NOT PMS/CI
 L25 STR



VAR G1=O/N
 VAR G5=O/N
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RSPEC 4
 NUMBER OF NODES IS 11

STEREO ATTRIBUTES: NONE
 L26 7 SEA FILE=REGISTRY SUB=L20 SSS FUL L25
 L27 6 SEA FILE=REGISTRY ABB=ON PLU=ON L26 NOT BUTENYL

=> d his

(FILE 'HOME' ENTERED AT 12:41:24 ON 16 MAY 2005)
 SET COST OFF

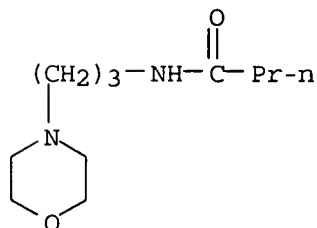
FILE 'HCAPLUS' ENTERED AT 12:41:34 ON 16 MAY 2005

L1 1 S (US20040127564 OR US6664394 OR US20020143056 OR US6407107)/PN
 E GILBERT K/AU
 L2 84 S E3-E12,E27-E30
 E FIFER E/AU
 L3 36 S E4-E6
 SEL RN L1

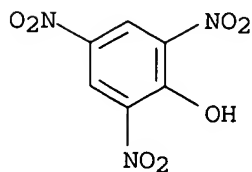
FILE 'REGISTRY' ENTERED AT 12:44:15 ON 16 MAY 2005

L4 15 S E1-E15
 L5 9 S L4 AND (NC2OC2 OR NC2NC2)/ES
 L6 5 S L5 AND (C6H13NO2 OR C6H14N2O OR C14H26N2O3)
 L7 4 S L5 NOT L6
 L8 STR
 L9 3 S L8
 L10 STR L8
 L11 1 S L10 CSS SAM
 L12 882636 S (46.402.1 OR 46.383.1)/RID
 L13 953133 S (NC2OC2 OR NC2NC2)/ES
 L14 953133 S L12,L13
 L15 28 S L10 SAM SUB=L14
 L16 SCR 1839
 L17 50 S L10 NOT L16 SAM SUB=L14
 L18 2121 S L10 NOT L16 FUL SUB=L14
 SAV L18 SHIAO734/A
 L19 520 S L10 CSS FUL SUB=L18
 SAV L19 SHIAO734A/A
 L20 266 S L19 NOT PMS/CI
 L21 STR L10
 L22 181 S L21 FUL SUB=L20
 SAV L22 SHIAO734B/A
 DEL SHIAO734B/A

ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1973:505217 CAPLUS
 DOCUMENT NUMBER: 79:105217
 TITLE: Synthesis of morpholine and homomorpholine derivatives
 with amide functions as potential pharmacologically
 active compounds
 AUTHOR(S): Kotelko, Barbara; Glinka, Ryszard
 CORPORATE SOURCE: Med. Acad., Lodz, Pol.
 SOURCE: Acta Poloniae Pharmaceutica (1973), 30(2), 135-43
 CODEN: APPHAX; ISSN: 0001-6837
 DOCUMENT TYPE: Journal
 LANGUAGE: Polish
 GI For diagram(s), see printed CA Issue.
 AB Eleven I (n = 3, R = Me, Et, Pr; n = 2, R = Ph, PhCH₂, PhOCH₂,
 3,5-Cl₂C₆H₃, 4-ClC₆H₄OCH₂, 2,4-Cl₂C₆H₃OCH₂, 4- and 3-pyridyl) were prepared
 in 20-38% yield by heating the corresponding RCONH(CH₂)_nNH₂ (obtained from
 RCO₂CH₂CN and 3-4 moles (H₂NCH₂)₂ or H₂N(CH₂)₃NH₂ in MeOH at room temperature)
 1.2 moles (ClCH₂CH₂)₂O, and 2 moles Na₂CO₃ in Tetralin at 160-70°.
 A similar reaction with Cl(CH₂)₂O(CH₂)₃Cl was used to prepare 13 II (n and R
 as above except n = 2, R = Ph, and, in addition, n = 3, R = Ph; n = 2, R =
 Ph₂CH; and n = 2, R = Ph₂C(OH) in 18-28% yields.
 IT **49808-41-5P**
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 49808-41-5 CAPLUS
 CN Butanamide, N-[3-(4-morpholinyl)propyl]-, compd. with 2,4,6-trinitrophenol
 (9CI) (CA INDEX NAME)
 CM 1
 CRN 49808-87-9
 CMF C11 H22 N2 O2



CM 2
 CRN 88-89-1
 CMF C6 H3 N3 O7



L10 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1979:197759 CAPLUS

DOCUMENT NUMBER: 90:197759

TITLE: Study of compounds with potential antiparasitic activity. I. New aliphatic esters of N-ethanolmorpholine

AUTHOR(S): Kadlubowski, Roscislaw

CORPORATE SOURCE: Inst. Biol. Morfol., Akad. Med., Lodz, Pol.

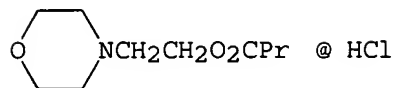
SOURCE: Wiadomosci Parazytologiczne (1978), 24(5), 575-9

CODEN: WIPAAZ; ISSN: 0043-5163

DOCUMENT TYPE: Journal

LANGUAGE: Polish

GI



AB Eight aliphatic esters of N-ethanolmorpholine had greater in vivo anthelmintic properties than piperazine adipate and weaker trichomonacidal properties than phenol or metronidazole. N-ethanolmorpholine butyrate-HCl (I) [23866-07-1] was most active anthelmintic .

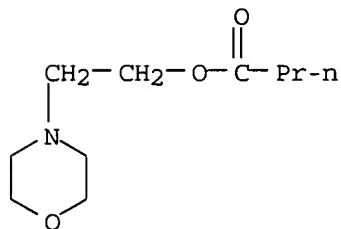
IT 23866-07-1 23866-08-2

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)

(anthelmintic and trichomonacidal activity of)

RN 23866-07-1 CAPLUS

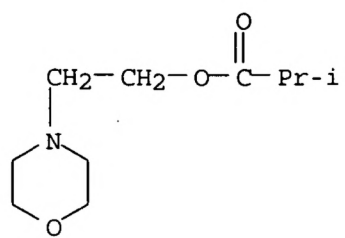
CN Butanoic acid, 2-(4-morpholinyl)ethyl ester, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 23866-08-2 CAPLUS

CN Propanoic acid, 2-methyl-, 2-(4-morpholinyl)ethyl ester, hydrochloride (9CI) (CA INDEX NAME)



● HCl